

# SAMEER MATORIA

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in LinkedIn

Github

Leetcode

## Education

**KIET group of institutions [AKTU]**  
*Bachelor of Technology in Computer Science*

**Sep 2022 – May 2026**  
*Ghaziabad, Uttar Pradesh*

**SGRR public school [CBSE]**  
*12th Class - Scored - 85%*

**Apr 2008 – May 2022**  
*Ghaziabad, Uttar Pradesh*

## Internships

### Full-Stack Web Development Internship

**Nov 2024**

- Completed a 100-hour full-stack web development internship with MLSA KIET, creating a project and submitting pull requests on the MLSA KIET GitHub.
- Designed and built a responsive front-end interfaces and backend APIs for scalable web solutions.

### Wells Fargo Software Engineering Job Simulation | Forage

**March 2024**

- Designed an Entity-Relationship Diagram (ERD) for a financial portfolio management system based on system requirements.
- Developed the application using Spring Boot, Spring Data JPA, and Hibernate in IntelliJ IDEA; managed version control with Git and deployed code to GitHub.

## Technical Skills

**Languages:** Java, JavaScript, HTML/CSS, MySQL

**Frameworks & Libraries:** React, Tailwind CSS, Material-UI, Spring Boot, Hibernate

**Tools & Platforms:** Git, IntelliJ IDEA, JMeter, Postman, GitHub

**Data Structures and Algorithms:** 400+ problems on LeetCode, CodeChef

**CS Fundamentals:** OOPs, DBMS, Operating System, Computer Networks

## Projects

### Java Web Server | Java, ServerSockets

**March 2025**

- Developed a Java web server with both **single and multi-threaded** capabilities to efficiently handle concurrent requests. Implemented socket programming and optimized thread management for performance.
- Conducted JMeter load testing, achieving **1000 RPS** by improving I/O efficiency and connection handling. Improved scalability through optimized resource allocation and multi-threaded processing.

### Invoice Processing System | React, Spring Boot 3, Hibernate, MySQL

**Sep 2024**

- Developed a full-stack invoice processing system using React for frontend and Spring Boot with Hibernate for backend, enabling users to generate and manage invoices.
- Integrated Hibernate (ORM) with MySQL for database management, leading to a **20%** improvement in data retrieval efficiency.

### Gym Exercises Website | React, Rapid API, JavaScript

**Aug 2024**

- A fully responsive web application using React.js to allow users to search, filter, and explore gym exercises, integrated with Rapid API for **real-time data retrieval**.
- Maximized performance through the management of asynchronous API requests, resulting in a 25% enhancement in application speed. Deployed the application on Netlify for streamlined access.

## Achievements

### Graph e-thon National Level Hackathon | Graphic Era

**May 2024**

- Participated in the Graph e-thon, a National Level 72-hour Hackathon, showcasing proficiency in problem-solving and teamwork.

### Learning Java 11 | LinkedIn Learning

**Nov 2023**

- Completed the course focused on learning Java 11 features, syntax improvements, and best practices for modern Java development.